

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049286.D
 Acq On : 28 Dec 2024 10:57
 Operator : RC/JU
 Sample : P5351-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2924

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 29 21:56:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	5906	0.400	ng/ul	0.00
4) Naphthalene-d8	10.297	136	18826	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.177	164	11105	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.925	188	25948m	0.400	ng/ul	0.00
17) Chrysene-d12	21.129	240	22713m	0.400	ng/ul	0.00
23) Perylene-d12	23.282	264	21982m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	25572	3.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.897	152	6655	0.263	ng/ul	-0.01
18) Fluoranthene-d10	18.964	212	16916m	0.262	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.347	128	1647	0.035	ng/ul#	80
7) 2-Methylnaphthalene	11.974	142	983	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.194	142	1195	0.039	ng/ul	97
10) Acenaphthylene	13.895	152	1170	0.025	ng/ul#	70
11) Acenaphthene	14.237	153	1910	0.057	ng/ul	97
12) Fluorene	15.232	166	2501	0.066	ng/ul#	97
15) Phenanthrene	16.967	178	52400m	0.773	ng/ul	
16) Anthracene	17.060	178	12571m	0.202	ng/ul	
19) Fluoranthene	18.991	202	125329m	1.526	ng/ul	
20) Pyrene	19.359	202	93194m	1.064	ng/ul	
21) Benzo(a)anthracene	21.114	228	59364m	0.751	ng/ul	
22) Chrysene	21.167	228	55564m	0.655	ng/ul	
24) Benzo(b)fluoranthene	22.645	252	76697m	1.092	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	28554m	0.371	ng/ul	
26) Benzo(a)pyrene	23.189	252	34225m	0.508	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.407	276	29948m	0.314	ng/ul	
28) Dibenzo(a,h)anthracene	25.417	278	9490m	0.128	ng/ul	
29) Benzo(g,h,i)perylene	26.061	276	8041m	0.105	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

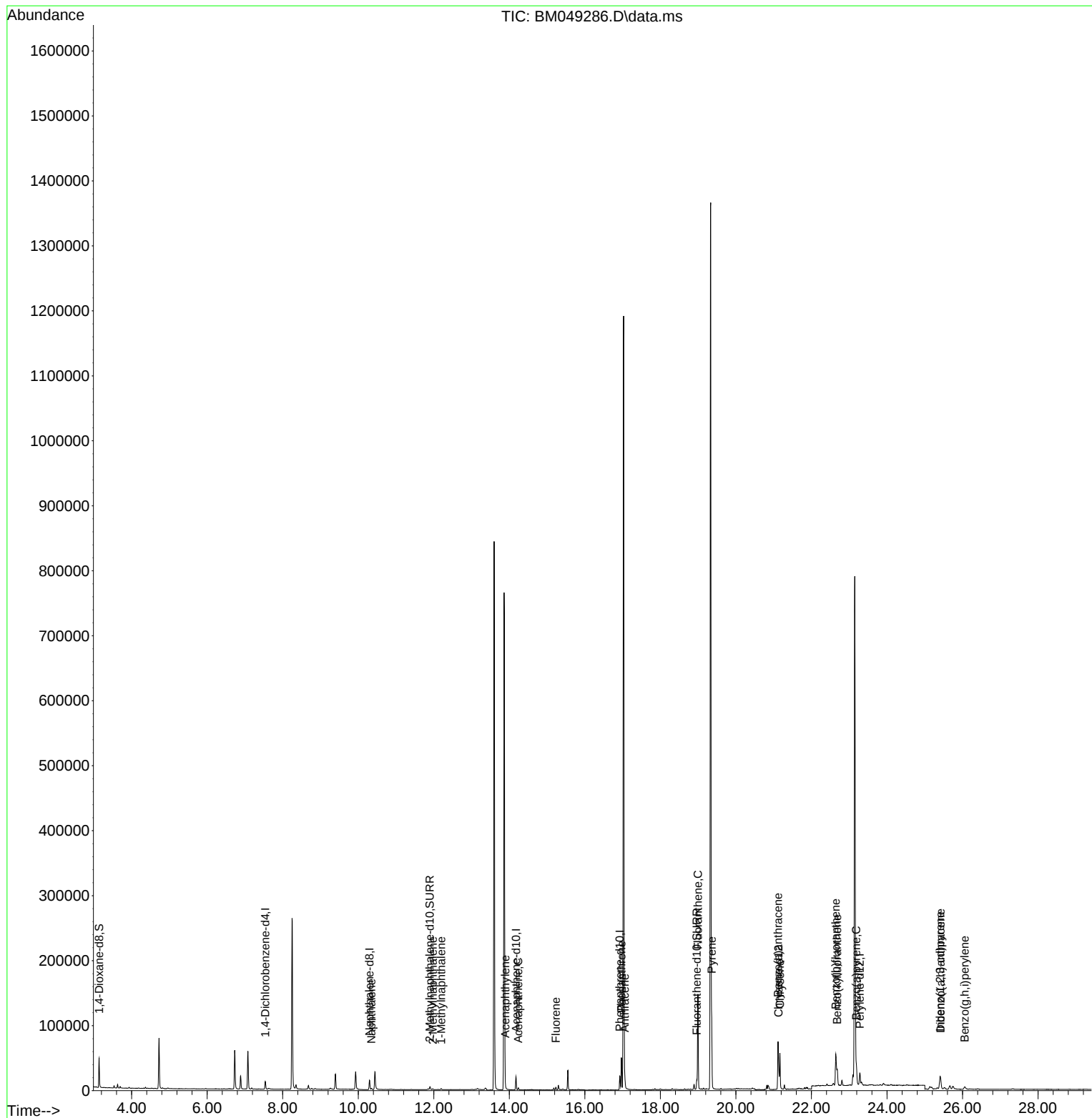
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
Data File : BM049286.D
Acq On : 28 Dec 2024 10:57
Operator : RC/JU
Sample : P5351-02
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ALS Vial : 47 Sample Multiplier: 1

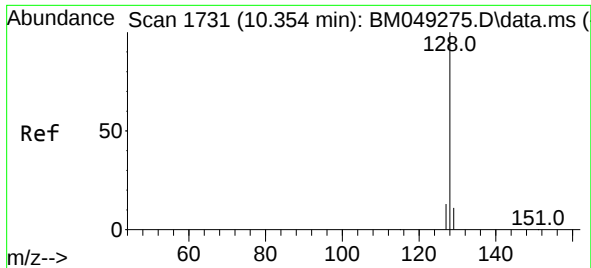
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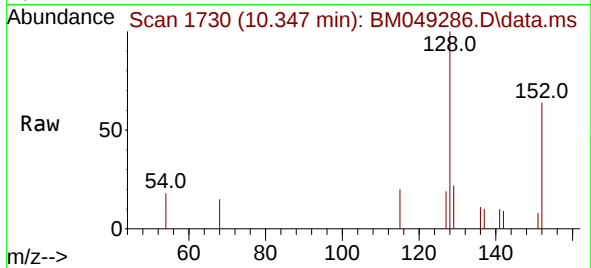
Quant Time: Dec 29 21:56:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 26 11:35:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.035 ng/ul
RT: 10.347 min Scan# 1730
Delta R.T. -0.011 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

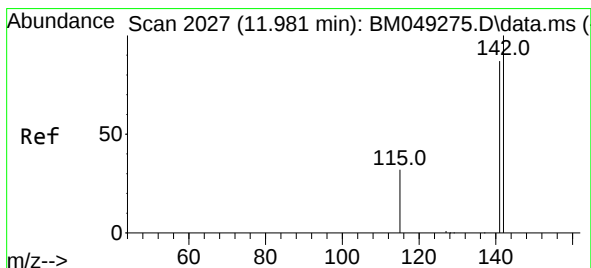
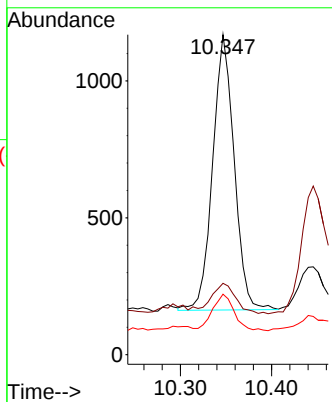
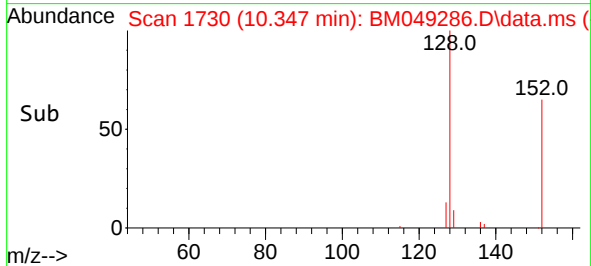
Instrument :
BNA_M
ClientSampleId :
E2924



Tgt Ion:128 Resp: 164
Ion Ratio Lower Upper
128 100
129 22.3 9.7 14.5
127 18.9 10.6 16.0

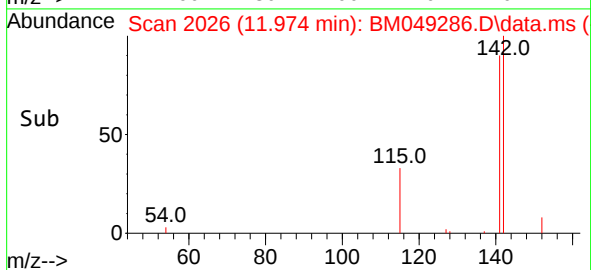
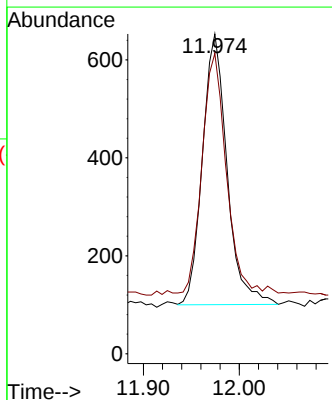
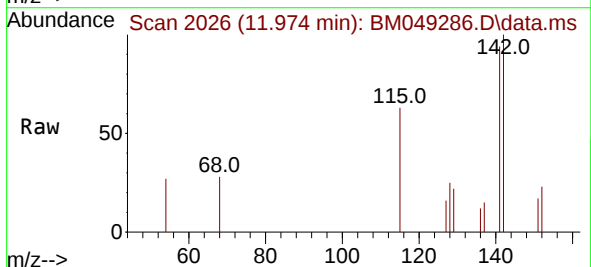
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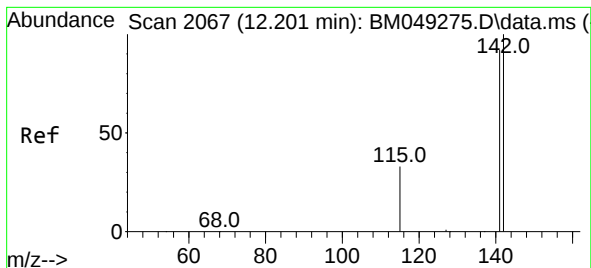
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 11.974 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

Tgt Ion:142 Resp: 983
Ion Ratio Lower Upper
142 100
141 90.4 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.194 min Scan# 2066

Delta R.T. -0.011 min

Lab File: BM049286.D

Acq: 28 Dec 2024 10:57

Instrument :

BNA_M

ClientSampleId :

E2924

Tgt Ion:142 Resp: 119

Ion Ratio Lower Upper

142 100

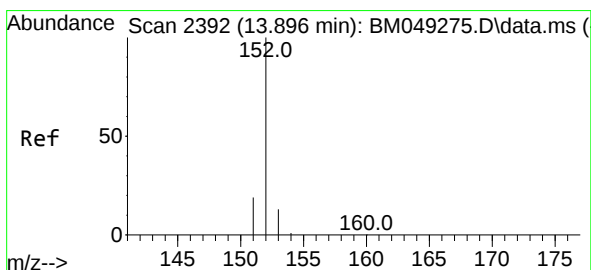
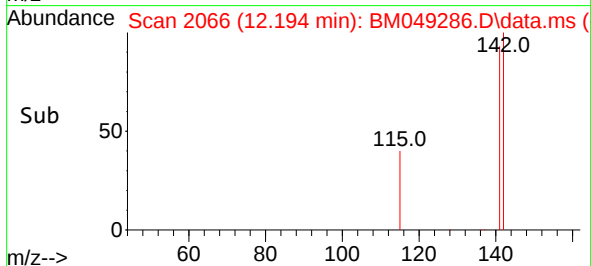
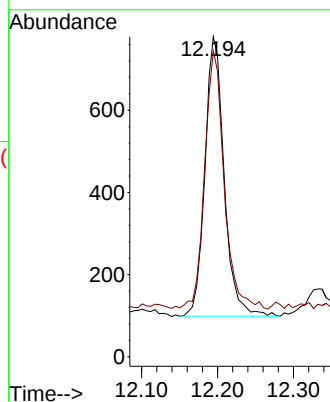
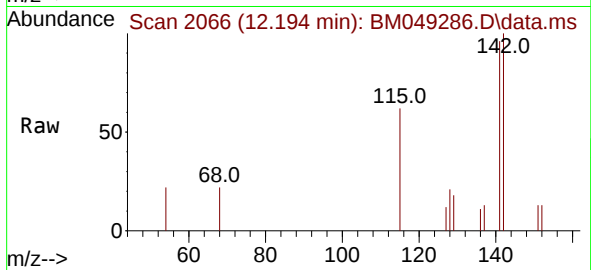
141 94.1 72.7 109.1

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#10

Acenaphthylene

Concen: 0.025 ng/ul

RT: 13.895 min Scan# 2392

Delta R.T. -0.005 min

Lab File: BM049286.D

Acq: 28 Dec 2024 10:57

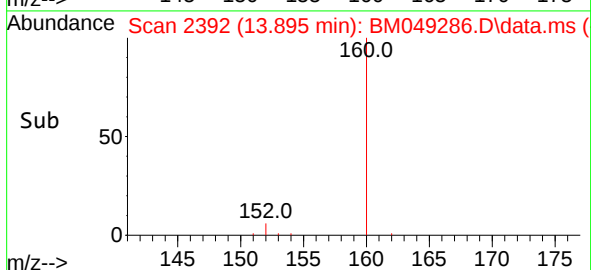
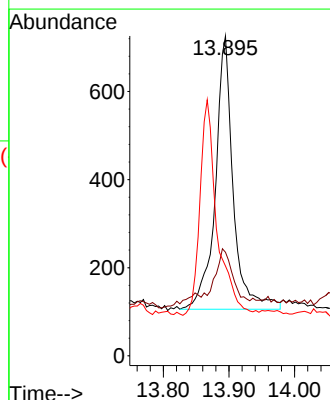
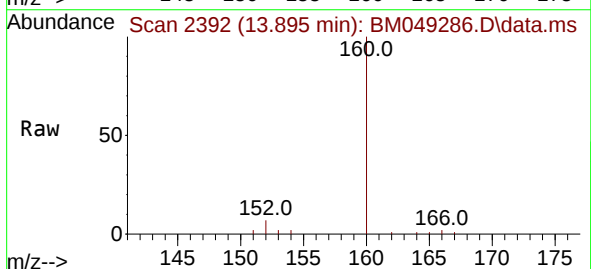
Tgt Ion:152 Resp: 1170

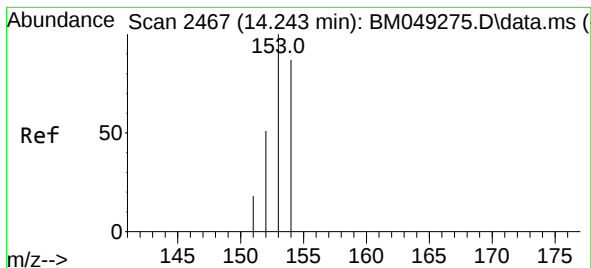
Ion Ratio Lower Upper

152 100

151 32.4 16.0 24.0#

153 28.1 11.0 16.6#





#11

Acenaphthene

Concen: 0.057 ng/u1

RT: 14.237 min Scan# 2467

Delta R.T. -0.009 min

Lab File: BM049286.D

Acq: 28 Dec 2024 10:57

Instrument :

BNA_M

ClientSampleId :

E2924

Tgt Ion:153 Resp: 1910

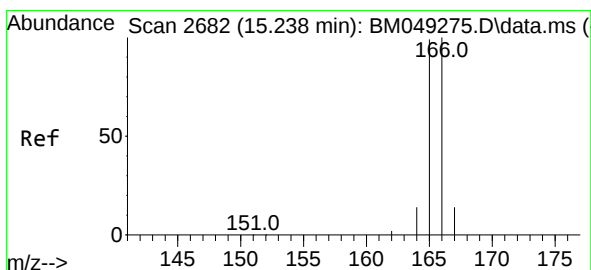
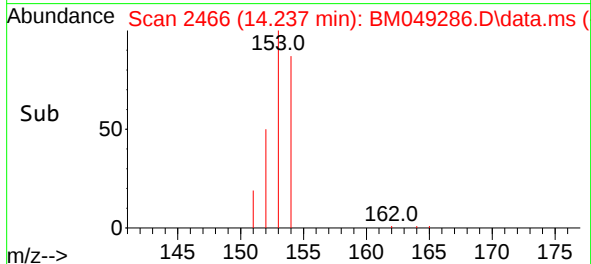
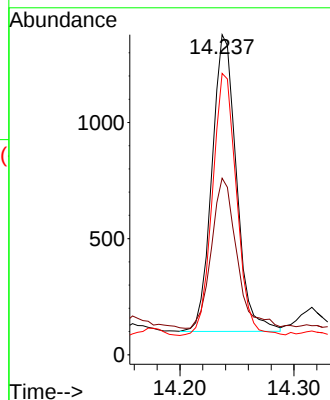
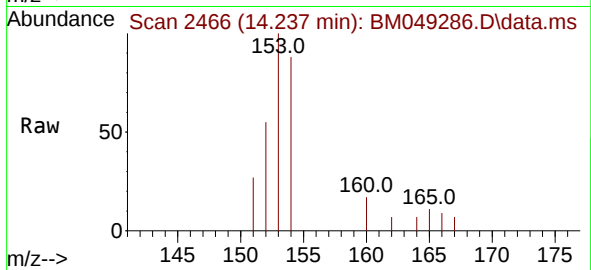
Ion	Ratio	Lower	Upper
153	100		
152	55.2	40.7	61.1
154	87.9	70.8	106.2

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#12

Fluorene

Concen: 0.066 ng/u1

RT: 15.232 min Scan# 2681

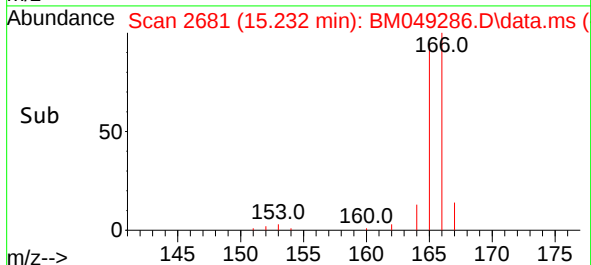
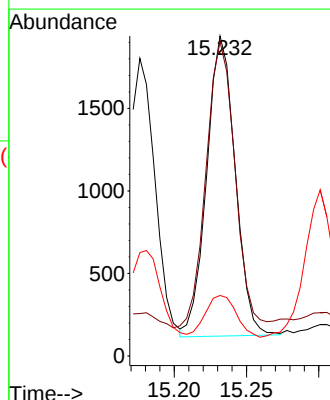
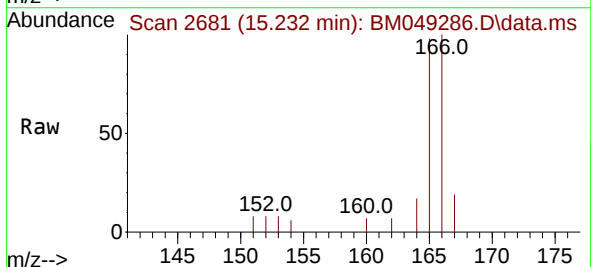
Delta R.T. -0.009 min

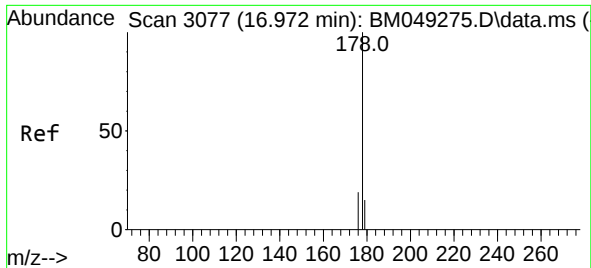
Lab File: BM049286.D

Acq: 28 Dec 2024 10:57

Tgt Ion:166 Resp: 2501

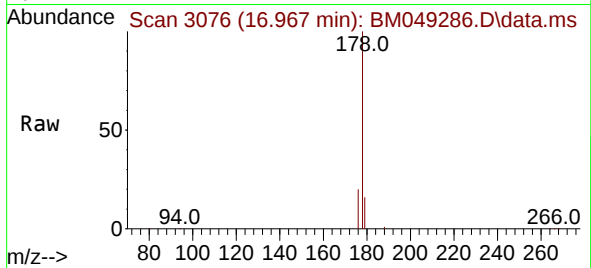
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.7	119.5
167	18.9	11.4	17.0





#15
Phenanthrene
Concen: 0.773 ng/ul m
RT: 16.967 min Scan# 3076
Delta R.T. -0.008 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

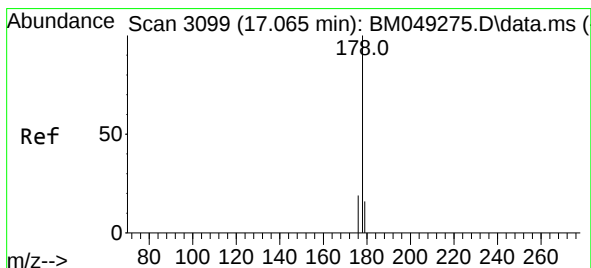
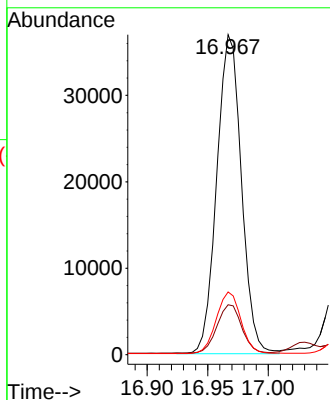
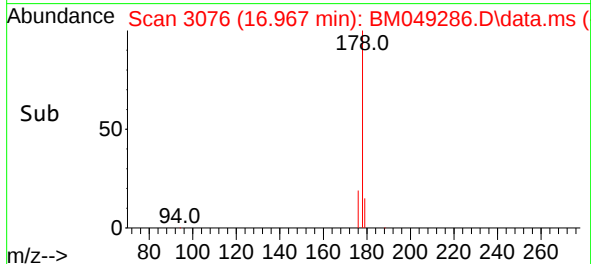
Instrument :
BNA_M
ClientSampleId :
E2924



Tgt Ion:178 Resp: 52400
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.6 16.2 24.2

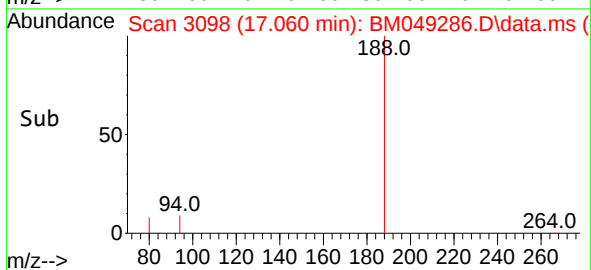
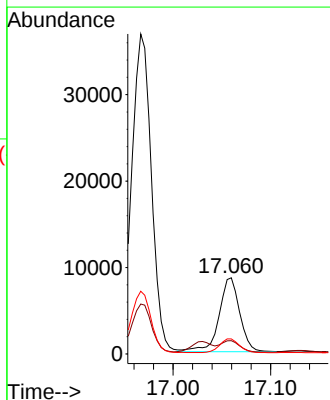
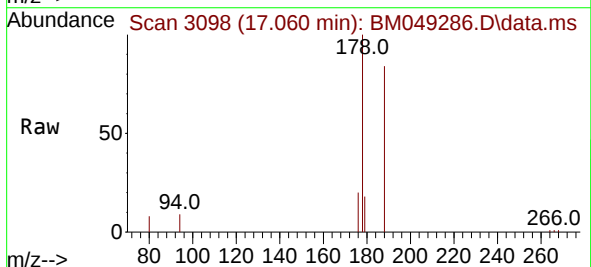
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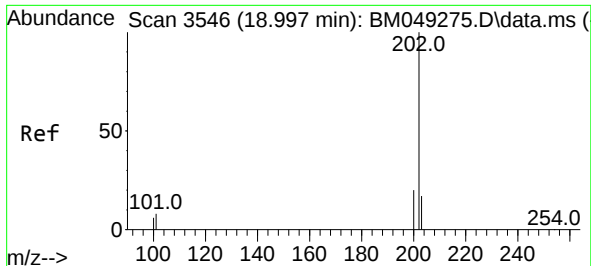
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 0.202 ng/ul m
RT: 17.060 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

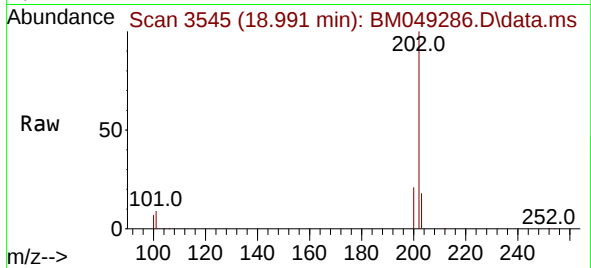
Tgt Ion:178 Resp: 12571
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.7 15.3 22.9





#19
Fluoranthene
Concen: 1.526 ng/ul m
RT: 18.991 min Scan# 3545
Delta R.T. -0.009 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

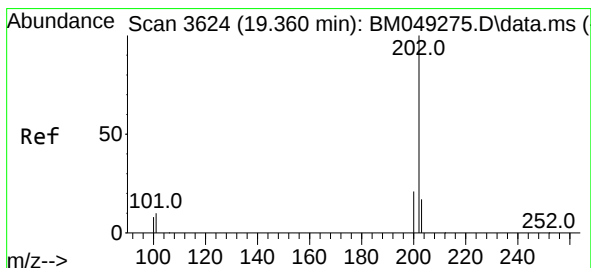
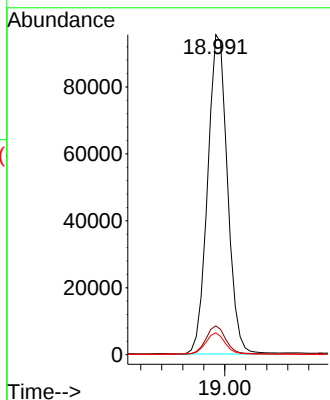
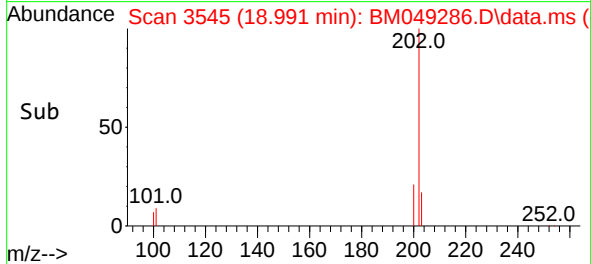
Instrument :
BNA_M
ClientSampleId :
E2924



Tgt Ion:202 Resp: 125329
Ion Ratio Lower Upper
202 100
101 9.0 7.6 11.4
100 6.9 5.5 8.3

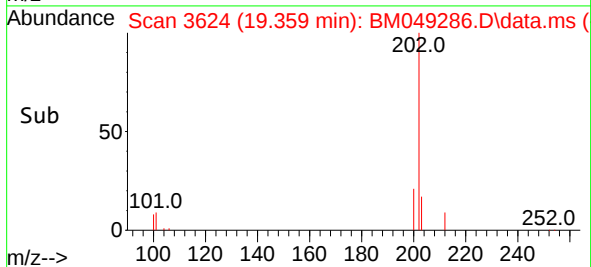
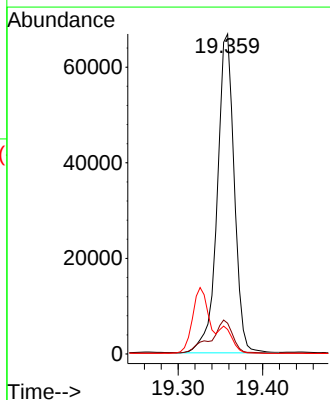
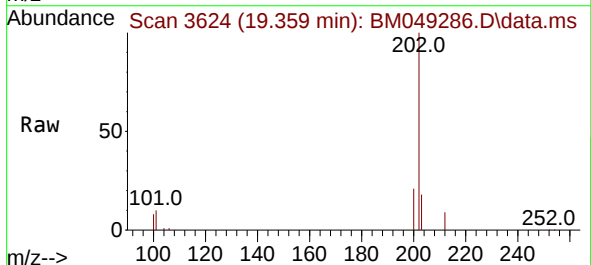
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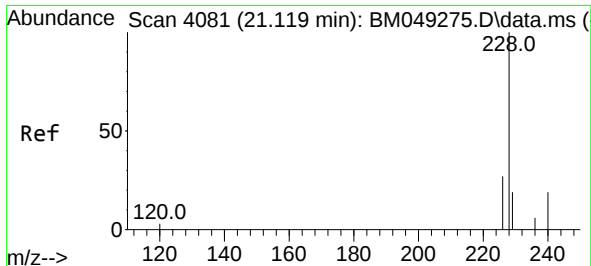
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 1.064 ng/ul m
RT: 19.359 min Scan# 3624
Delta R.T. -0.005 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

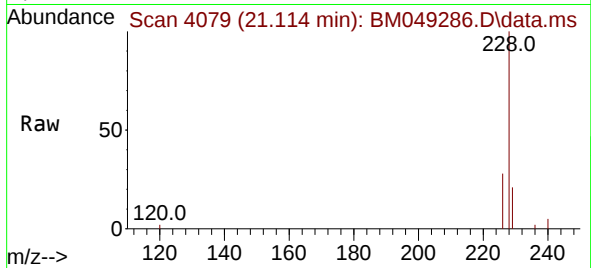
Tgt Ion:202 Resp: 93194
Ion Ratio Lower Upper
202 100
101 9.6 8.9 13.3
100 7.7 6.9 10.3





#21
Benzo(a)anthracene
Concen: 0.751 ng/ul m
RT: 21.114 min Scan# 4079
Delta R.T. -0.006 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

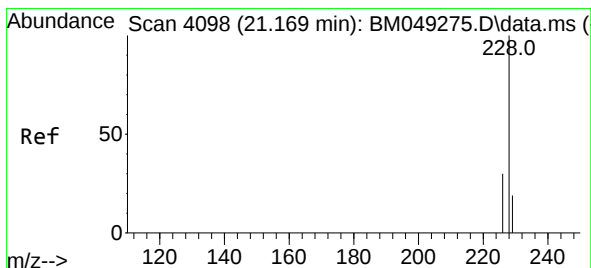
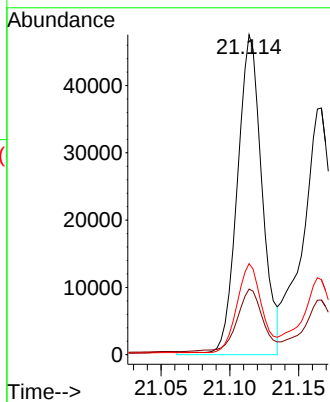
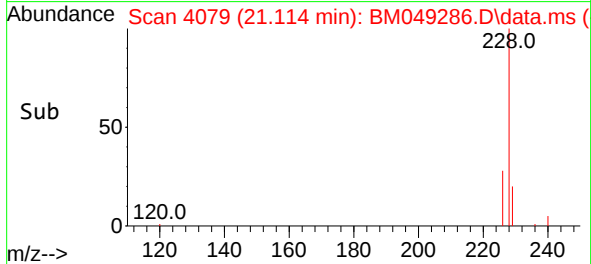
Instrument :
BNA_M
ClientSampleId :
E2924



Tgt Ion:228 Resp: 59364
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.5 22.6 34.0

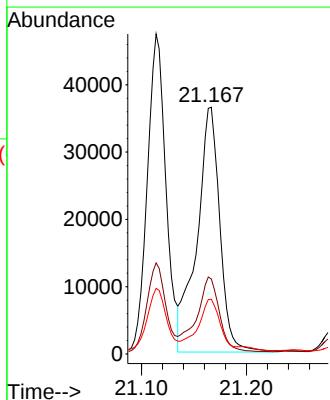
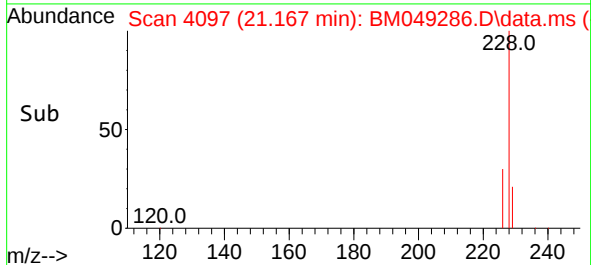
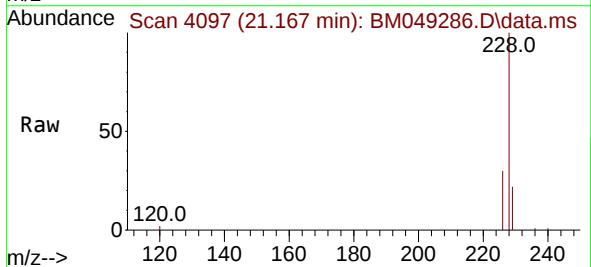
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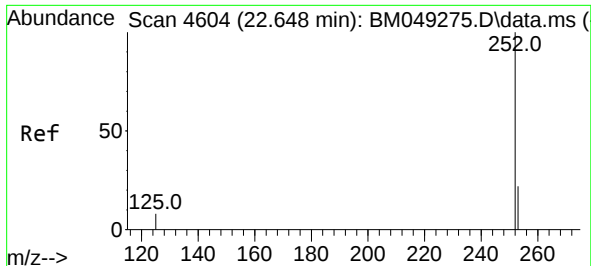
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Chrysene
Concen: 0.655 ng/ul m
RT: 21.167 min Scan# 4097
Delta R.T. -0.006 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

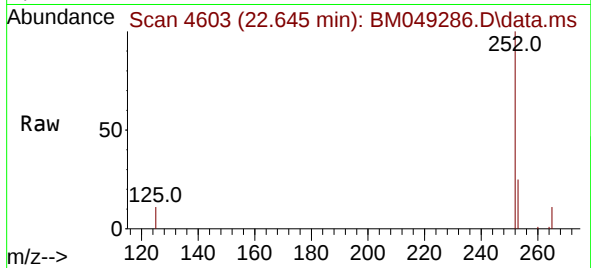
Tgt Ion:228 Resp: 55564
Ion Ratio Lower Upper
228 100
226 30.4 24.1 36.1
229 22.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 1.092 ng/ul m
RT: 22.645 min Scan# 4603
Delta R.T. -0.003 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

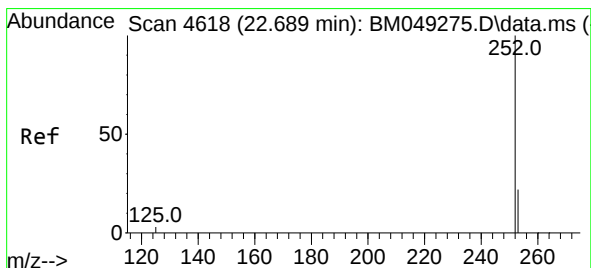
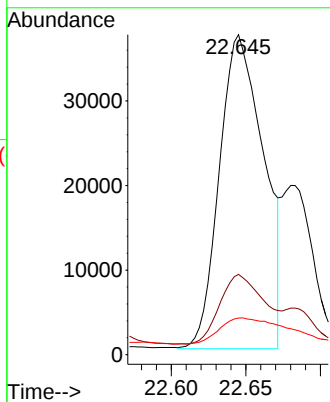
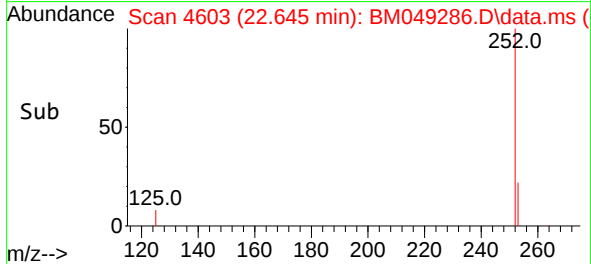
Instrument :
BNA_M
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E2924



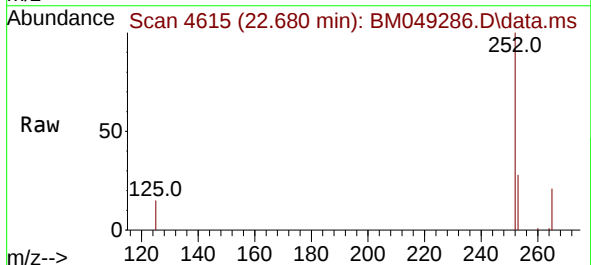
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Ion Ratio Lower Upper
252 100
253 25.1 0.0 52.6
125 11.5 0.0 30.8

Manual Integrations
APPROVED

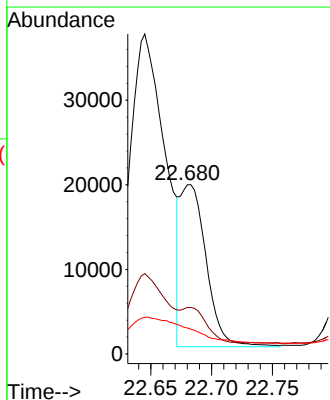
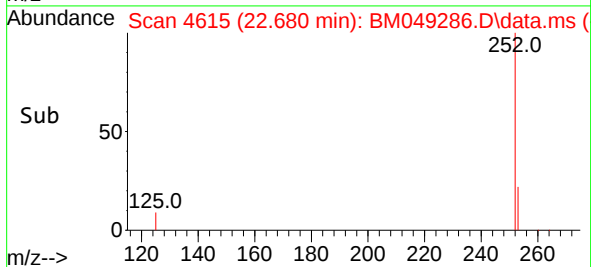
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

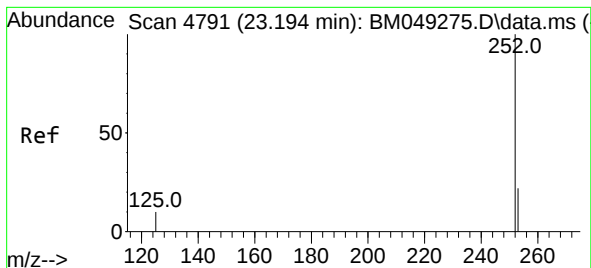


#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul m
RT: 22.680 min Scan# 4615
Delta R.T. -0.012 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57



Tgt Ion:252 Resp: 28554
Ion Ratio Lower Upper
252 100
253 27.5 21.3 31.9
125 15.3 12.6 18.8





#26

Benzo(a)pyrene

Concen: 0.508 ng/ul m

RT: 23.189 min Scan# 4789

Delta R.T. -0.003 min

Lab File: BM049286.D

Acq: 28 Dec 2024 10:57

Instrument :

BNA_M

ClientSampleId :

E2924

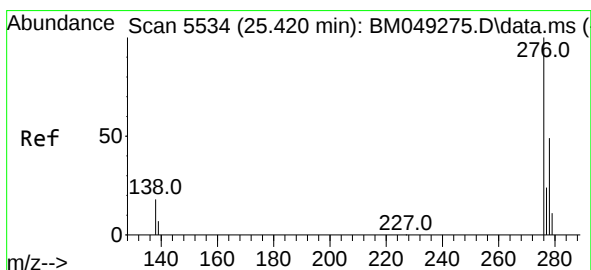
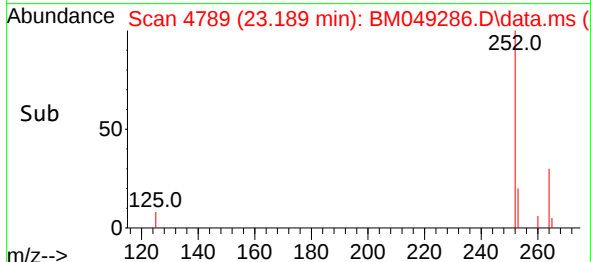
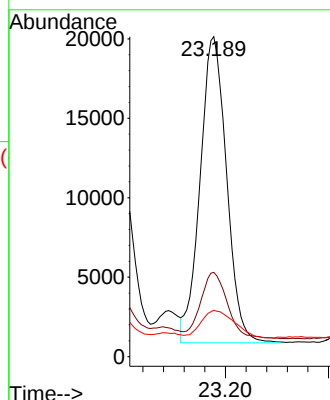
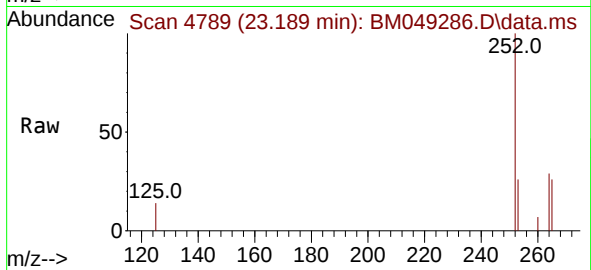
Tgt Ion:	252	Resp:	34225
Ion Ratio	Lower	Upper	
252	100		
253	26.3	22.4	33.6
125	14.5	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/30/2024

Supervised By :mohammad ahmed 12/30/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.314 ng/ul m

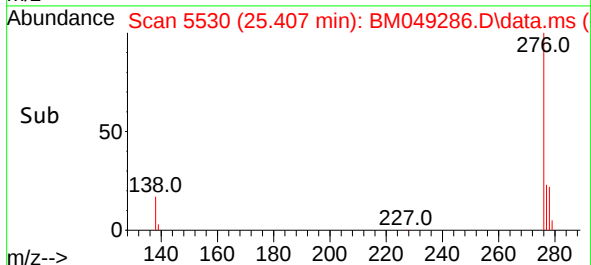
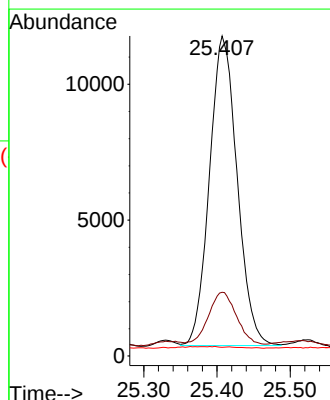
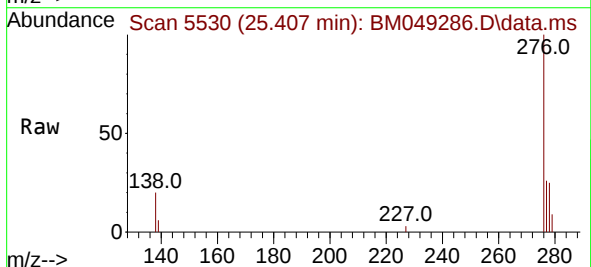
RT: 25.407 min Scan# 5530

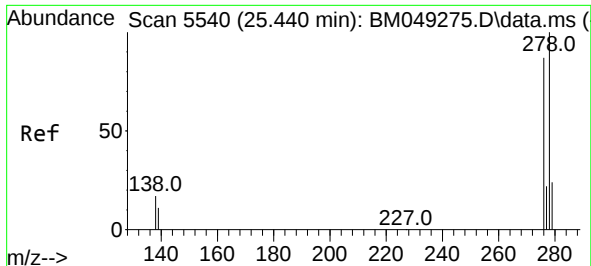
Delta R.T. -0.010 min

Lab File: BM049286.D

Acq: 28 Dec 2024 10:57

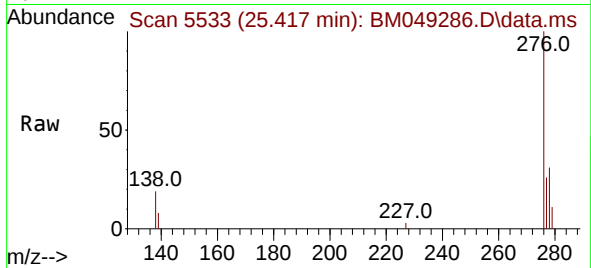
Tgt Ion:	276	Resp:	29948
Ion Ratio	Lower	Upper	
276	100		
138	2.6	17.4	26.2#
227	0.1	0.2	0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul m
RT: 25.417 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57

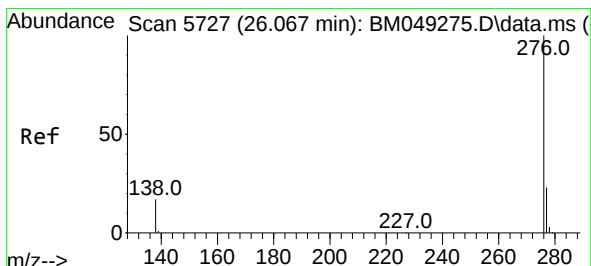
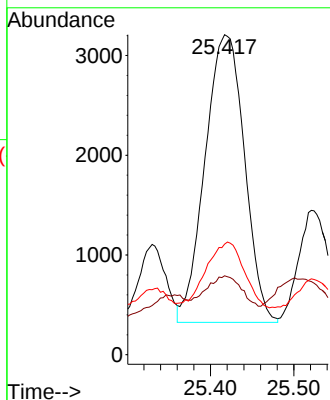
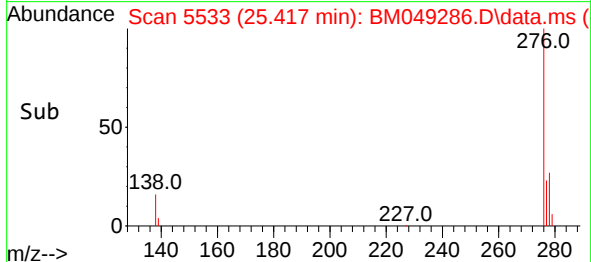
Instrument :
BNA_M
ClientSampleId :
E2924



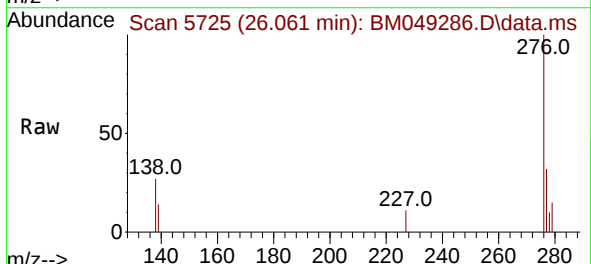
Tgt Ion:278 Resp: 9490
Ion Ratio Lower Upper
278 100
139 24.6 13.5 20.3#
279 34.6 21.5 32.3#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul m
RT: 26.061 min Scan# 5725
Delta R.T. -0.007 min
Lab File: BM049286.D
Acq: 28 Dec 2024 10:57



Tgt Ion:276 Resp: 8041
Ion Ratio Lower Upper
276 100
138 27.4 16.7 25.1#
277 32.3 19.9 29.9#

